

group **3 830** may be a group including a parameter that has been changed last. In another exemplary embodiment, each piece of group information may be arranged in the reverse order.

**[0152]** The parameter editing apparatus **100** may display a user's memo in a parameter editing history. For example, the user may include a memo including a reason for editing each parameter in the parameter editing history. According to an exemplary embodiment, when the user edits a parameter, a window may be displayed which allows the user to enter a reason for editing the parameter.

**[0153]** Referring to FIG. **8**, a piece of group information (corresponding to each of the group **1 810**, group **2 820**, and group **3 830**) may include a user's memo. For example, a memo corresponding to the group **1 810** may be included between the group **1 810** and group **2 820**. In an exemplary embodiment, when the user clicks on the group **1 810**, a memo indicating a reason for editing a parameter may be displayed.

**[0154]** FIG. **9** is a flowchart of a method of cancelling editing of a parameter according to an exemplary embodiment. The method of cancelling editing of parameters illustrated as a flowchart of FIG. **9** is another exemplary embodiment of the method of FIG. **4**. Thus, although omitted hereinafter, the descriptions of the method of editing parameters with reference to FIG. **4** may also apply to the method of FIG. **9**.

**[0155]** The parameter editing apparatus **100** stores, as one piece of group information, information about change to a parameter for capturing a medical image and an associated parameter which needs to be changed together with the parameter (operation **902**).

**[0156]** The parameter editing apparatus **100** displays a parameter change history including at least one piece of group information (operation **904**). Operations **902** and **904** may respectively correspond to operations **402** and **404**.

**[0157]** The parameter editing apparatus **100** may receive, from a user, information indicating cancellation of a change to a first parameter included in the parameter change history (operation **906**).

**[0158]** According to an exemplary embodiment, the parameter editing apparatus **100** may receive information indicating selection, by the user, of one from among groups included in the parameter editing history (e.g., **800** of FIG. **8**). Referring to FIG. **10**, the parameter editing apparatus **100** may receive information indicating selection, by the user, of group **2 820**.

**[0159]** In an exemplary embodiment, the selected group may be displayed differently than other groups. For example, a background color or edge of the selected group may be displayed differently than those of the other groups.

**[0160]** The parameter editing apparatus **100** may receive information corresponding to a user input for deleting the selected group. Referring to FIG. **10**, the parameter editing apparatus **100** may receive information indicating deletion of the selected group **2 820**.

**[0161]** The parameter editing apparatus **100** may cancel a change to a first parameter included in the group **2 820** by deleting the group **2 820**.

**[0162]** For example, the parameter editing apparatus **100** may cancel a change to a first parameter Param3 included in the group **2 820** by deleting the group **2 820**. The parameter editing apparatus **100** may delete the group **2 820** as shown in a parameter change history **1000** after the deletion and

change a value of the first parameter Param3 from '128', which is a value after the change, back to '64', which is the value before the change. After a change to a parameter due to deletion of a corresponding group, an additional group may not be created in the parameter change history.

**[0163]** According to another exemplary embodiment, the parameter editing apparatus **100** may delete group **3 830**. In this case, changes to parameter Param4 changed based on a user input and all associated parameters Param1, Param2, and Param5 included in group **3 830** may all be cancelled.

**[0164]** The parameter editing apparatus **100** may determine whether information about the change to the first parameter is included in a plurality of pieces of group information in the parameter change history (operation **908**). In an exemplary embodiment, the parameter editing apparatus **100** may determine whether a conflict occurs between groups according to the information indicating cancellation, received in operation **906**. For example, referring to FIG. **11**, parameter Param3 is included in the group **2 820**, but not in other groups, i. e., the group **1 810** and the group **3 830**. Thus, deleting the group **2 820** does not cause a conflict to occur with the other groups **1 810** and group **3 830**.

**[0165]** In another exemplary embodiment, the parameter editing apparatus **100** may receive information indicating deletion of the group **1 801**. However, because parameters Param1 and Param2 in the group **1 810** are also included in the group **3 830**, deleting the group **1 810** may cause a conflict to occur with the group **3 830**.

**[0166]** In an exemplary embodiment, the parameter editing apparatus **100** may determine that deleting the group **3 830** that is changed later than the group **1 810** does not cause a conflict with the group **1 810**. In another exemplary embodiment, the parameter editing apparatus **100** may determine that deleting a group including the same parameter as that of another group causes a conflict with the other group regardless of the order in which the groups are changed.

**[0167]** When it is determined in operation **908** that a conflict does not occur, the parameter editing apparatus **100** may perform operation **912**. The parameter editing apparatus **100** may cancel the change to the first parameter as shown in FIG. **10** (operation **912**). On the other hand, when it is determined in operation **908** that a conflict occurs, the parameter editing apparatus **100** may perform operation **910**.

**[0168]** The parameter editing apparatus **100** may provide the user with a notification indicating that the conflict has occurred (operation **910**). According to an exemplary embodiment, the parameter editing apparatus **100** may provide a notification via the display **103**. Referring to FIG. **12**, the parameter editing apparatus **100** may provide the user with a notification indicating the conflict has occurred by using a pop-up window **1200**.

**[0169]** A field **1201** in the pop-up window **1200** may indicate detailed information about a conflict. For example, the field **1201** may indicate groups and parameters in which the conflict occurs. In an exemplary embodiment, the pop-up window **1200** may include a field **1202** requesting selection from the user. The parameter editing apparatus **100** may accurately identify a group which the user intends to delete by using the field **1202**.

**[0170]** For example, the parameter editing apparatus **100** may check which of group **1** and group **3** is intended to be deleted by the user by using the field **1202**. By checking the